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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/764,590	01/27/2004	Wataru Domon	U2054.0149	1693

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EXAMINER

PEACHES, RANDY

ART UNIT	PAPER NUMBER
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2617

MAIL DATE	DELIVERY MODE
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10/17/2007

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/764,590	Applicant(s) DOMON ET AL.	
	Examiner Randy Peaches	Art Unit 2617	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 01 August 2007.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1,3-11,27,29-38 and 56 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1, 3-11, 27, 29-38 and 56 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

1. ***Claims 1, 3-11, 27, 29-38 and 56*** are rejected under 35 U.S.C. 102(e) as being anticipated by Cervello et al. (Patent Corporation Treaty PCT/EP01/10178).

Regarding ***claims 1, 27 and 56***, Cervello et al. discloses of a method and system for dynamically selecting channels between access points and communicating terminals, which reads on claimed "adapted to decide a channel to be employed for communication out of a plurality of radio frequency channels, and to cause communication to be made between one radio station and the other radio station," out of a set of channels (see page 2 lines 8-10), the method comprising:

- a first step of making decision of said channel at a contention free period (CFP)(see page 6 lines 25-27), which reads on claimed "certain timing," in said one radio station (see page 2 lines 12-14 and page 7 lines 6-11) said timing is a timing based on a predetermined constant period or a timing based on a variable period. Cervello et al. discloses on page 6 lines 25-27 wherein the said access

Art Unit: 2617

point measures channel conditions during contention free periods, which is a constant period; and

- a second step of notifying information relating to this decided channel to said other radio station. See page 10 lines 14-23.

Regarding **claims 3 and 29**, according to **claims 1 and 27**, Cervello et al. continues to disclose wherein decision of said channel is adapted to be made at random from among a plurality of the channels. See page 5 lines 13-22.

Regarding **claims 4 and 30**, according to **claims 1 and 27**, Cervello et al. continues to disclose wherein:

- a third step of acquiring information indicating each communication quality of said plurality of said channels to store it (see page 5 lines 20-33); and
- decision of the channel in said first step is adapted to be made based on said quality. See page 2 lines 15-16 and page 7 lines 31-34).

Regarding **claims 5 and 31**, according to **claims 1 and 27**, Cervello et al. continues to disclose wherein:

- a third step of storing information indicating each communication quality of said plurality of said channels, and information indicating an acquisition time of each quality thereof. See page 5 lines 25-34 and page 6 lines 1-15); and

- decision of the channel in said first step is adapted to be made based on at least one of each quality of said plurality of said channels, and this acquisition time of quality information. See page 2 lines 15-16.

Regarding **claims 6 and 32**, according to **claims 1 and 27**, Cervello et al. continues to disclose wherein the channel having less interference is decided in said first step. See page 10 lines 5-12.

Regarding **claims 7-9 and 33-34**, according to **claims 5 and 31**, Cervello et al. continues to disclose wherein the channel having the oldest acquisition time of this quality is decided in said first step. See page 7 lines 14-15. In addition, the Examiner would like to further stated that it is inherent that the said system will choose the oldest channel out of the set of channel to determine if the quality of the said channel is within tolerance.

Response to Arguments

Applicant's arguments with respect to **claims 1, 3-11, 14-24, 27, 29-38 and 56** have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the date of this final action.


Any inquiry concerning this communication or earlier communications from the examiner should be directed to Randy Peaches whose telephone number is (571) 272-7914. The examiner can normally be reached on Monday - Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Joseph H. Feild can be reached on (571) 272-4090. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2617

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Randy Peaches
RP


JOSEPH FEILD
SUPERVISORY PATENT EXAMINER